AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS:

1. (Currently Amended) An overwrite method of an optical disc, comprising the step of

performing a replacement recording on a data area within the optical disc with overwrite-requested data in a specific recording-completed area within the optical disc in a sequential recording mode ~~(SRM) wherein a logical overwrite is executed to maintain continuity of a user data area by the replacement recording~~ wherein if the overwrite in an open SRR area within the optical disc is requested, the replacement recording is executed from next writable area within the open SRR.

2. (Cancelled)

3. (Original) The overwrite method of claim 1, wherein if the overwrite in a closed SRR area within the optical disc is requested, the replacement recording is executed within a spare area.

4. (Original) The overwrite method of claim 3, wherein if the overwrite in the closed SRR area within the optical disc is requested, the spare area for the replacement recording is an outer spare area (OSA).

5. (Original) The overwrite method of claim 4, wherein the outer spare area (OSA) is allocated on disc initialization.

6. (Original) The overwrite method of claim 5, wherein a size of he outer spare area (OSA) allocated on the disc initialization is N*256 clusters where N ≤ 768.

7. (Original) The overwrite method of claim 3, wherein if the closed SRR area is located on an inner disc circumference, the spare area for the replacement recording is an inner spare area (ISA).

8. (Original) The overwrite method of claim 7, wherein the closed SRR area located on the inner disc circumference is an area for recording file system information.

9. (Original) The overwrite method of claim 1, wherein after execution of the overwrite, location information of the overwrite-requested area and the replacement-recorded are is recorded as management information.

10. (Original) An overwrite method of an optical disc, comprising the step of performing a replacement recording on a spare area within the optical disc with overwrite-requested data in a specific recording-completed area within the optical disc in a random recording mode (RRM) wherein a size of the spare area for allocation is determined on disc initialization for the replacement recording.

11. (Original) The overwrite method of claim 10, wherein the spare area comprises an inner spare area (ISA) on an inner circumference of the optical disc and an outer spare area (OSA) on an other circumference of the optical disc.

12. (Original) The overwrite method of claim 11, wherein a size of he outer spare area (OSA) allocated on the disc initialization is N*256 clusters where N ≤ 768.

13. (Original) The overwrite method of claim 11, wherein a size of the inner spare area 9ISA) allocated on the disc initialization is fixed.

14. (Original) In performing a recording on a write-once optical disc in a recording mode selected from the group consisting of a sequential recording mode (SRM) and a random recording mode (RRM), a write-once optical disc overwriting method comprising the steps of:

determining a replacement recording area for an overwrite according to the recording mode if the overwrite on a user data area within the optical disc is requested; and

executing a logical overwrite.

15. (Original) The overwrite method of claim 14, wherein if the recording mode is the sequential recording mode (SRM), the replacement recording is performed on NWA within the user data area or a spare area.

16. (Original) The overwrite method of claim 14, wherein if the recording mode is the random recording mode (RRM), the replacement recording is performed on a spare area.

17. (Original) A recording/reproducing apparatus for a write-once optical disc, comprising:

a control unit delivering a recording command requesting a recording execution on a specific area; and

a recording/reproducing unit deciding whether the specific area is a recording-completed area or a non-recorded area, the recording/reproducing unit performing a replacement recording on another area within a data area if the specific area is the recording-completed area, the recording/reproducing unit executing the replacement recording by differentiating the replacement-recorded area according to a disc recording mode.

18. (New) An apparatus for overwriting data on an optical disc, comprising:

a pickup unit configured to write data on the optical disc; and

a controller, operatively coupled to the pick up, configured to control the pickup unit to perform a replacement recording on a data area within the optical disc with overwrite-requested data in a specific recording-completed area within the optical disc in a sequential recording mode wherein if the overwrite in an open SRR area within

the optical disc is requested, the replacement recording is executed from next writable area within the open SRR.

19. (New) The apparatus of claim 18, wherein said controller configured to control the pickup unit to write location information of the overwrite-requested area and the replacement-recorded area is recorded as management information, after execution of the overwrite.

20. (New) The method of claim 9, wherein the location information is recorded in a temporary management area.

21. (New) The apparatus of claim 19, wherein the location information is recorded in a temporary management area.

22. (New) An optical disc, comprising:

a data area configured to allocate an open SRR in a sequential recording mode, wherein if overwriting data in a specific recording-completed area in an open SRR area is requested, a replacement recording is executed from next writable area within the open SRR; and,

a temporary management area configured to store location information of an overwrite-requested area and a replacement-recorded area.